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October 30, 1990

National Toxicology Program; Chemicals (10) Nominated for Toxicological Studies; Request for Comments

SUMMARY: On September 12, 1990, the Chemical Evaluation Committee (CEC) of the **National Toxicology Program** (NTP) met to review ten chemicals nominated for in-depth toxicological studies, and to recommend the types of studies to be performed, if any. With this notice, the NTP solicits public comments on the chemicals.

FOR FURTHER INFORMATION CONTACT: Dr. Victor A. Fung, Chemical Selection Coordinator, **National Toxicology Program**, Room 2B55, Building 31, National Institutes of Health, Bethesda, Maryland 20892, (301) 496-3511.

TEXT: SUPPLEMENTARY INFORMATION: As part of the chemical selection process of the National Toxicology Program, nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee (CEC) are published with request for comment in the Federal Register. The CEC is composed of representatives from the agencies participating in the NTP. This is done to encourage active participation in the NTP chemical evaluation process, thereby helping the NTP to make more informed decisions as to whether to select, defer or reject chemicals for toxicology study. Comments and data submitted in response will be reviewed by NTP technical staff for use in the further evaluation of the chemicals for NTP toxicological studies. The NTP chemical nomination and selection process is summarized in the Federal Register, April 1981 (46 FR 21828), and also in the NTP FY 1989 Annual Plan, pages 17-20.

On September 12, 1990, the CEC met to evaluate ten chemicals nominated to the NTP for in-depth toxicological studies. The following table lists the chemicals, their Chemical Abstract Service (CAS) registry numbers, and the types of toxicological studies recommended by the CEC at the meeting.

Chemical	CAS registry No.	Committee recommendations
p,p'-Dichlorodiphenyl sulfone	80-07-9	Subchronic studies, Mutagenicity.
Dicyclopentadiene	77-73-6	Carcinogenicity, Reproductive, Teratogenicity.
Ethoxyquin	91-53-2	Carcinogenicity, Reproductive, Teratogenicity, Comparative chemical disposition studies in rodents and other animal species.
Methylene Blue	61-73-4; 7720-79-	3 Carcinogenicity, Reproductive, Teratogenicity, Determine whether Neurotoxicity studies are needed.
Phosphine	7803-51-	2 No testing.
Propylene glycol t-butyl ether	57018-52	

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Chemical	CAS registry No.	Committee recommendations
	-7	Carcinogenicity, Chemical disposition studies by dermal and oral routes, Reproductive, Teratogenicity.
Calcium naphthenate	85763-67-3	Defer.
Cobalt naphthenate	61789-51-3	Defer.
Copper naphthenate	1338-02-9	Defer.
Sodium naphthenate	61790-13-4	Defer.

It was reported at the meeting that data from acute and prechronic studies on some naphthenates might be available from an industry association. Therefore, the CEC deferred calcium naphthenate, cobalt naphthenate, copper naphthenate, and sodium naphthenate pending the retrieval and evaluation of this information.

Two of the chemicals, dicyclopentadiene and ethoxyquin, were previously tested in *Salmonella* by the NTP and were found to be nonmutagenic in this assay. In addition, the NTP is currently conducting a chemical disposition study of cobalt administered as cobalt naphthenate.

Interested parties are requested to submit pertinent information. The following types of data are of particular relevance:

- (1) Modes of production, present production levels, and occupational exposure potential.
- (2) Uses and resulting exposure levels, where known.
- (3) Completed, ongoing and/or planned toxicologic testing in the private sector including detailed experimental protocols and results, in the case of completed studies.
- (4) Results of toxicological studies of structurally related compounds.

Please submit all information in writing by December 7, 1990, to Dr. Fung. Any submissions received after the above date will be accepted and utilized where possible.

Dated: October 23, 1990.

David G. Hoel,

Acting Director, National Toxicology Program.

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